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Z1227	38.60	0.76	1	

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<http://www.gec123.com>

2020 10 14

<http://www.gec123.com>

www.cqdd.cq.cn

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www.cqdd.cq.cn

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1		<p>1. (</p> <p>2.)</p> <p>3. 10 8 5V 12V 24V (</p> <p>4.)</p> <p>5.</p> <p>6.</p> <p>7. (</p> <p>8.)</p> <p>1. Ubuntu</p> <p>2. 1 10/100/1000Mbps RJ45</p> <p>3. 2.4GHz WiFi</p> <p>4. 1 HDMI</p> <p>5. OPENGL ES1.1/2.0/3.0,OPEN VG1.1,OPENCL,Directx11</p> <p>6. 4K H.265 10bits HDMI2.0</p> <p>7. 1080P 1080P H.264,VP8 MVC</p> <p>8. , HDCP2.X ATECC608A</p>	1	

	9.	OpenCV	TensorFlow		
	10.	SHA256 PRF HMAC-SHA256			
		HKDF ECDSA ECDH AES)		
	1.	LAN	10/100Mbps RJ45	1.5KV	
	2.	4 RS-232	2 RS485		
		15KVESD			
	3.				
	1)	None,Even,Odd			
	2)	5,6,7,8			
	3)	1,2			
	4)	Xon/Xoff			
	5)	75 194000bps			
	4.	ICMP IP TCP UDP DNS DHCP Telnet HTTP			
	5.	Web Telnet Console			
	6.	12V DC			
	7.	-20 70°C(-4 158°F)			
	8.	-40 85°C(-40 185°F)			
	9.	5 95%RH			
	1.	8 10/100Mbps/1000Mbps			
	2.	10KV			
	3.	8KV 6KV			
	4.	-5 55			
	5.	-40 70			
	6.	10% 90%RH			
	1.	IEEE802.3,IEEE802.3u			
	2.	GE WAN*1,GE LAN*3			
	3.	9V 0.85A			
	4.	:0 40 :-40 70			
	5.	:10% 90%RH			
	6.	: 5% 90%RH			

		<p style="text-align: center;">UFH</p> <ol style="list-style-type: none"> 1. ISO18000-6B EPC CLASS1 G2 2. 902 928MHz() 3. (FHSS) 4. 26dbm 5. 1 3 6. 7. RS232 <ol style="list-style-type: none"> 1. 640 480 CMOS 2. 3mil 3. 1)EAN-13 40mm 355mm (13mil) 2)Code 39 28mm 155mm (5mil) 3)PDF 417 28mm 95mm (6.67mil) 4)Data Matrix 25mm 95mm (10mil) 5)QR 25mm 150mm (15mil) 4. 1) 60 @ 0 Roll and 0 Skew 2) 360 @ 0 Pitch and 0 Skew 3) 55 @ 0 Roll and 0 Pitch 5. 30% 6. USB 7. 1 DC 5V, 1.5A 2 AC 100~240V, 50~60Hz 8. 2D PDF417, QR Code (QR1/2, Micro), Data Matrix (ECC200, ECC000, 050, 080, 100, 140) 1D Code 128, UCC/EAN-128, AIM-128,EAN-8, EAN-13, ISBN/ISSN, UPC-E, UPC-A, Interleaved 2 of 5,ITF-6,ITF-4,Matrix 2 of 5,Industrial 25,Standard 25,Code 39,Codabar,Code 93,Code 11,Plessey,MSI-Plessey,GS1-DataBarTM(RSS),(RSS-14, RSS-Limited, RSS-Expand) <p style="text-align: center;">UHF</p>		
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1. USB
 2. 2.5
 3. 920–925MHz 250KHz
 4. 15dbm
 5. EPC GEN2/ ISO 18000–6C
 6. 30cm 1cm
 7. 5cm 1cm
 8. USB
-
1. –20 +60
 2. IS014443TypeA/B
 3. 0–130mA
 4. PC Low Speed USB USB 1.1 Bus powered
device HID USB
 5. IS014443 TypeA/B
115200 bps
 6. IS014443 ISO 7816 PC/SC GSM11.11
FCC CE
 7. T=0 9600–38400bps T=1 9600–115200bps
 8. LED
 9. Windows XP 7 8 10 Unix Linux
 - 10.
- IS014443
- Type A,Type B ifare S50 Mifare S70
MF1ICL10 Mifare Pro Mifare desfire Mifare ultralight

		3) 5km@250bps 4) 00K 1.2~32.738kbps LoRa 0.2~37.5kbps 5) LoRa FHSS WiFi 1) IEEE 802.11 b/g/n TCP/IP 2) WiFi@2.4GHz WPA/WPA2 3) TCP UDP HTTP FTP 4) Station/SoftAP/SoftAP+Station 4. 1) 1 12-bit 4-20 mA 0-20 mA 0-24 mA 3ppm/ 2) 1 12-bit DAC 3.2Msps 3.3V 3) 1 3.3V NB-IoT 1. RS485 2. NB-IoT 3. B1/B3/B5/B8/B20/B28 4. 120mA@20dB 5. Modbus CoAP 6. 6 28V 7. 1 RS485 ZigBee 1. 2. ZigBee 3. 100V 250V AC 50Hz 4. 10A/2500W 5. -10 +50 6. 5% 95%RH ZigBee 1. ZigBee 2. 0 83,000lux		
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		3. -10 +50		
		4. 5% 95%RH		
		ZigBee		
		1.		
		2. ZigBee		
		3. 20mm		
		4. -10 +50		
		5. 5% 95%RH		
		1.		
		2. ZigBee		
		3. Q/QLML002-2015		
		4. 5		
		5. 160		
		6. -10 +50		
		7. 5% 95%RH		
		1. ZigBee		
		2. 2400 2483.5MHz		
		3. IEEE 802.15.4		
		4. -10 +50		
		5. 5% 95%RH		
		ZigBee		
		1. IEEE 802.15.4		
		2. MQTT /		
		3.		
		1.		
		2. 0 95%RH		
		3. -20 70		
		4. DC 9V 16V		
		5. ID		
		6.		

		1.			
		2.	DC 12V/500mA		
		3.			
		4.	280kg		
		1.	86		
		2.			
		3.	NO/COM		
		4.			
		5.	PC		
		6.	-20 55		
		7.	0 95%RH		
		1.			
		2.	ABS		
		3.	90dB		
		4.	DC 12V		
		5.	-10 80		
		6.	80%RH		
			ZigBee		
		1.	CC2531F256 256K Flash USB		
		2.	115200 baud 8		1
		3.	2.4GHz		
		4.	ZigBee2007/PRO		
		5.		8	
		6.	-96DBm		
			RS485		
		1.	7		
		1)			
		2)	0 3V	10 30V	
		3)	3KHz		
		4)	40VDC		
		2.	8		
		1)		40V 1A	

		2) 5KHz		
		3) PWM-OUT		
		3. 3000VDC		
		4.1KV		
		5.3KV EFT 8KV ESD		
		RS485		
		1. 8 A/D		
		2. mV V mA		
		3. +/-150mV +/-500mV +/-1V +/-5V +/-10V		
		+/-20V 4 20mA		
		4. DC3000V		
		5. +/-35V		
		6. 10 /		
		7. 20M		
		8. +/-0.1%		
		9. 1.5W@24VDC		
		RS485		
		1. RS485		
		2.		
		3.		
		4. 300bps 115.2Kbps		
		5. 200 115200bps 9600bps		
		6. -40 85 5% 95%		
		7. 2500Vrms,500DC DC/DC		
		485		
		1. 485		
		2. WG26 WG80		
		3. 9V 24V		
		4. 150ms		
		5. 300m		
		CAN		
		1. CAN bus		
		2. 1 RJ45 10/100Mbps		
		3. 1 CAN 1*5*3.81		
		4. IP TCP/UDP ARP ICMP IPV4		

		5.	TCP Server	TCP Client	UDP Server		
			UDP Client				
		6.	TCP Server	5	TCP		
		7.	CAN	6Kbps-1000Kbps		14	
		8.	Web				
		9.		100mA@12v			
		10.		8V 28V DC			
		11.		-40 +85			
		12.		10% 90%			
		1.		1/1.8" 200		CMOS	
		2.		52db			
		3.		0.02Lux/F1.6			
		4.		0.002Lux/F1.6			
		5.		H.265/H.264/MJPEG			
		6.		16Kbps 8Mbps			
		7.		G.711u /G.711a			
		8.		ONVIF(PROFILE S, PROFILE G)		GB28181-2016;	
		9.	1	RJ45		10/100Mbps	
		1.					
		2.		99%			
		3.		0.5m 3m			
		4.		19000			
		5.					
		1)	1	RJ45		100Mbps	
		2)	1				
		3)	1				
		4)	1	RS485			
		5)		I/O			
		6)	1	USB			
		7)		2			
		6.		DC12V			
		7.		-20 +60			

		8. 95%,		
		1.		
		2.		
		3. DC 12V		
		4. WiFi RS-485		
		WiFi		
		1) IEEE 802.11 b/g/n	TCP/IP	
		2) WiFi@2.4GHz	WPA/WPA2	
		3) TCP UDP HTTP FTP		
		4) Station/SoftAP/SoftAP+Station		
		5.		
		1) 1 12-bit		
		4-20 mA 0-20 mA 0-24 mA	3ppm/	
		2) 1 12-bit DAC	3.2Msps	
		3.3V		
		3) 1 3.3V		
		1. 1 RJ45		
		2.		
		3. -20 60		
		4. 15K words		
		5. 9K steps		
		6. 8		
		7. 6		
		WiFi		
		1. 2.4GHz WiFi		
		2. Web		
		3. RTC		
		4. Json REST Web API		
		5. 2		
		6. 2		
		7. 2		

		1. 0.01%F.S./C(-20 +55)		
		2. 12mS(0-90%)(TYP)		
		3. 1200V AC/1min		
		4. 100M2		
		5. GB/T 18268(IEC61326-1)		
		6. -20 +55		
		1. EIA/TIA RS-232C RS485		
		2. RS-232 DB9 RS-485 DB9		
		3.		
		4.		
		5. 300bps 115.2Kbps		
		6. -25 70 5% 95%		
		7.RS485 1000		
		8.RS232 3		
		1. USB		
		2.		
		3. IEEE 802.11b IEEE 802.11g IEEE 802.11n		
		4. 2.4 2.4835GHz		
		5. 1 13		
		6. WPA-PSK/ WPA2-PSK WPA/ WPA2 WEP		
		ZigBee		
		1. Windows 10/8.1/8/7/XP		
		2. 1.2V 3.6V		
		3. 0 85		
		1. 10A 250V AC/30V DC		
		2. 100m		
		3. 12 110 V DC 12 230 V AC		
		4. 5% 85%RH		
		5. -40 70		
		6.		

		1. 30 70		
		2. 10 90%RH		
		3. 3 FS		
		4. 0.2 FS		
		5. 1		
		6. 1		
		1. 200mA 85 mA		
		2. 5min		
		3. <90s		
		4. 5%F•S 25		
		5. 7 24V		
		6. 0 50		
		7. 0 95%RH		
		8. 0.3 F•S/		
		9. 2%F•S		
		10. 1%F•S		
		1. 12V 24V DC		
		2. 0.5W		
		3. RS485		
		4. 15S(1m/s)		
		5. 0.1 /year		
		6. 1%y		
		7. -40 80		
		8. 0 100%RH		
		9. 0.1		
		10. 0.1%RH		
		1. 24V DC		
		2. 4 20mA DC		
		3. 10 60		
		4. 0 110KPa		
		1. 12		

		2.	24V		
		3.	50mA		
		4.	-30 50		
		5.			
		1.	85dB		
		2.	DC9V DC28V		
		3.	200uA		
		4.	50mA		
		5.	-10 +50		
		6.	95%RH(40 2)		
		7.			
		8.			
		1.	6 36V		
		2.	15mm		
		3.	3ms		
		4.			
		5.	250mA		
		6.			
		1.	2.5A;		
		2.	200V DC		
		3.	2-3.8N		
		4.	1N		
		5.	0.07mm		
		1.	1 m/s		
		2.	0 30m/s		
		3.	12 24V DC		
		4.	4 20mA		
		1.	16 360		
		2.	5%		
		3.	12 24V		

			CAN	
		1.	9–35V	
		2.	0.3	
		3.	90	
		4.	CAN	
		5.	-40 85	
		6.	-55 100	
		1.	DC 24V	
		2.	45mm	
		3.	5mm/s	
		4.	500N	
			RGB	
		1.	DC 24V	
		2.	240mA	
		3.LED	110	
		4.	RGB	
		1.	DC 24V	
		2.	0.09 0.25A	
		3.	3000 4000RPM	
		4.	24.42 34.18CFM	
		1.	DC 24V	
		2.	0.1A	
		3.	LED	
		4.	PC ABS	
		1.		
		2.		
		1.	Modbus	

		<p>2. CANbus</p> <p>3. ZigBee WiFi LoRa</p> <p>4.</p> <p>5.</p> <p>1.</p> <p>2. MQTT</p> <p>3.</p> <p>4.</p> <p>1.</p> <p>2. WEB APP</p> <p>3.</p> <p>4. WEB APP</p> <p>5. WEB APP</p>		
2	物联网综合应用实训平台	<p>1.</p> <p>2.</p> <p>3.</p> <p>4.</p> <p>5.</p>	1	

		6.				
		7.		5	220V 5	
		8.		8	5V 12V 24V	
		1.	CPU		TI Cortex A8 800MHz	
		2.		512MB	DDR3L	
		3.		1GB	Micro-SD	
		4.	1x		Micro-SD	
		5.	/	6	RS-232/485	2 10/100 Base-T
		6.			10-30VDC	
		7.			-40 -70	
		8.			Linux 3.12	
		9.			Modbus RTU/TCP, IEC-60870-101/104	PLC
					RS-485 /RS-422	
			50m(5
		1.			DC500V,5M Ω	PLC
		2.				
		3.				SFC
		4.		64K		RAM
		5.		0.065	S/	
		6.		:16 384(CC-LINK I/O)
		7.		3 100kHz		()
		8.				
		9.		/		8
		10.				
		11.				
		12.			RS-232C	RS-232C

		<p>WIFI</p> <p>1. RS-485 8</p> <p>2. AP</p> <p>3.</p> <p>4. RTC</p> <p>5. Dropbox</p> <p>6. JSON REST Web API</p> <p>IO</p> <p>1. Modbus TCP</p> <p>2. 4 4</p> <p>2 4</p> <p>3.</p> <p>4. TVS/ESD</p> <p>IO</p> <p>1. Modbus RTU Modbus</p> <p>2. 4 4</p> <p>2 4</p> <p>3. DC24 36V</p> <p>4. DC24 36V</p> <p>LoRa</p> <p>1. :410MHZ 441MHZ</p> <p>2. :6 0.3 0.6 1.0 1.8 3.1 5.5kbps</p> <p>3. :RS232 RS485 ESD</p> <p>4. :DC12V/0.5A</p> <p>5.IO : 5 IO</p> <p>6. : LoRa</p> <p>7. :</p> <p>1. 300Mbps</p> <p>2. 1 WAN 4 LAN</p>		
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		RFID		
		1.		
		2.		
		3.	0.1S	
		4.	0 10cm	
		5.		
		6.	Mifare one s50/s70	
		7.	9 36V	
		1.	220V/50Hz	
		2.	80A	
		3.		
		1	RS-485	
		2	Modbus-RTU	
		3	1200 9600 bps	
		1	:10mm 3mm	
		2.	:12V 24VDC	
		3.	850mW;	
		4.	: ON 45 s	
		5.	: ON, 150 s	
		1.	220V	
		2.	3NG-3K	
		3.	500 /	
		4.	2.8	
		1.	:12 24VDC	
		2.	0.1 5.5	
		3.	20ms	
		4.		
		5.	1A 120VAC/DC 24V	
			LED	
		1.	24VDC	
		2.	0 10V	

		1. 0.5 3%RH		
		2. -10 60		
		3. 0-100		
		1. 0 20000lux(10lux)		
		2. 4mA 20mA		
		3. 0V 5V 30mV		
		4. 5%F.S 4%F.S		
		1. DC24V		
		2. (A) 0.09 0.25		
		3. (RPM) 3000 4000		
		4. CFM 24.42 34.18		
		5. -10 +70 () -40 +70		
		1.		
		2. 1200 /h		
		1. DC24V		
		2. 100MM		
		3. 20mm/S		
		4. 500N		
		1. 2Nm		
		2. 24VDC		
		3. DC2 10V		
		4. DC0 4 20mA		
		5. 0 2 10VDC 0 4 20mA		
		1 DC24V		
		2 2W		
		3 DC0 10V		
		4 <2W		
		5		

		<ol style="list-style-type: none"> 1. 4~20mA 2. 0~50mm/s 3. 10g 4. 350 		
		<ol style="list-style-type: none"> 1. DC24V 2. 3W 3. 8 		
		<ol style="list-style-type: none"> 1. 5 2. 3. 4. 		
		<ol style="list-style-type: none"> 1. Web 2. 3. TclScript VBScript Jscript 		
		<p style="text-align: center;">PLC</p> <ol style="list-style-type: none"> 1. 27 2 128 298 2. 3.Windows 4. 		
		<p style="text-align: center;">SFC Studio</p> <ol style="list-style-type: none"> 1. Studio 2. Windows XP/ Windows 7/ Windows 10 		

		3.		Node ID		
		4.	I0	Modbus		
		Tag				
		5.		Studio		
		6.		EdgeLink		
		Modbus RTU	Modbus TCP	WASCADA		
		7.				
			HMI			
		1.	Windows XP/ Windows 7/ Windows 10			
		2.	PLC			
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			.N2V		zip rar	

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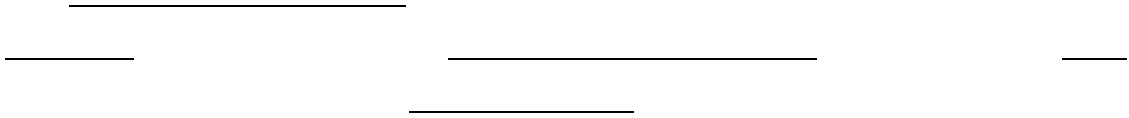
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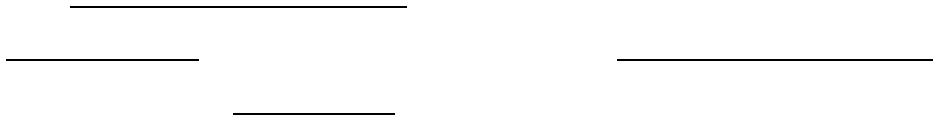
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